## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	1	(US-20060216836-\$).did.	US-PGPUB	AND	ON	2009/03/25 19:49
L21	1	L17 L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 18:39
L20	76	(nanoparticle nano?particle (nano adj particle) nanowire nano?wire (nano adj wire) nanotubes nano? tube (nano adj tube)) and L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L19	0	(nanoparticle nano?particle (nano adj particle) nanowire nano?wire (nano adj wire) nanotubes nano? tube (nano adj tube)) and L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 18:39
L18	249	((BRUNETTO) near2 (MARTORANA)).INV. ((DANIELE) near2 (PULLINI)).INV. ((PIERO) near2 (PERLO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L17	16	"5463516" "5773156" "2002043974" "2002190713" "2001028872" "6353317" "6103406" "2002114974"). pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/03/25 18:39
L16	3717	L14 L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 18:39
L15	6822	(free and (pinned or pinning or fixed or fixing)) adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39

L14	8317	spin?valve or (spin adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L13	3717	L11 L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 18:39
L12	6822	(free and (pinned or pinning or fixed or fixing)) adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L11	8317	spin?valve or (spin adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L10	16	("5463516" "5773156" "2002043974" "2002190713" "2001028872" "6353317" "6103406" "2002114974"). pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/03/25 18:39
L9	249	((BRUNETTO) near2 (MARTORANA)).INV. ((DANIELE) near2 (PULLINI)).INV. ((PIERO) near2 (PERLO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L8	2	"US 20060216836"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/03/25 18:39
L7	8603	(257/002 257/421 257/422 257/423 257/424 257/425 257/426 257/427 360/324.2 438/900 438/3 365/158 257/003 257/004 257/005). ccls. (257/30 360/324.1 365/158).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L6	6034	(257/002 257/421 257/422 257/423 257/424 257/425 257/426 257/427 360/324.2 438/900 365/158 257/003 257/004 257/005).ccls. (257/30 360/324.1 365/158). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39

L5	2343469	ferromagnet\$3 or ferro \$magnet\$3 or magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L4	13165	antiferromagnet\$3 or antiferro\$magnet\$3 or anti \$ferromagnet\$3 or (anti adj ferro\$magnet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 18:39
L3	338	(US-20060102969-\$ or US-20060128038-\$ or US-20060180839-\$ or US-20060003185-\$ or US-20060012926-\$ or US-20060093862-\$ or US-200600221510-\$ or US-20060255383-\$).did. (US-200600255383-\$) or US-20060093862-\$ or US-200600255383-\$ or US-200600255383-\$ or US-20060093862-\$ or US-20060012926-\$ or US-2006012926-\$ or US-2006012926-\$ or US-20060128038-\$ or US-20060128038-\$ or US-20060128038-\$ or US-20060180839-\$ or US-20060180839-\$ or US-20040136232-\$).did. or (US-6097625-\$ or US-6841395-\$ or US-684(US-5565695-\$ or US-5432373-\$ or US-6297987-\$ or US-5515314-\$ or US-5652445-\$)".did.5038-"\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25
L2	24	(US-20060102969-\$ or US-20060128038-\$ or US-20060180839-\$ or US-20060003185-\$ or US-20060012926-\$ or US-20060093862-\$ or US-20060255383-\$).did. (US-20060098354-\$ or US-20060255383-\$ or US-20060255383-\$ or US-20060255383-\$ or US-20060098354-\$ or US-20060098354-\$ or US-20060093862-\$ or US-20060093862-\$ or US-20060012926-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 18:39

		20060102969-\$ or US-20060221510-\$ or US-20060128038-\$ or US-20060003185-\$ or US-20030179071-\$ or US-20040136232-\$).did. or (US-6097625-\$ or US-6841395-\$ or US-5432373-\$ or US-6297987-\$ or US-5515314-\$ or US-5652445-\$)".did.5038-"\$).did.				
S22	1	S18 S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/26 17:01
S21	64	(nanoparticle nano?particle (nano adj particle) nanowire nano?wire (nano adj wire) nanotubes nano? tube (nano adj tube)) and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 13:50
S20	O	(nanoparticle nano?particle (nano adj particle) nanowire nano?wire (nano adj wire) nanotubes nano? tube (nano adj tube)) and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/26 13:50
S19	241	((BRUNETTO) near2 (MARTORANA)).INV. ((DANIELE) near2 (PULLINI)).INV. ((PIERO) near2 (PERLO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 13:48
S18	16	("5463516" "5773156" "2002043974" "2002190713" "2001028872" "6353317" "6103406" "2002114974"). pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/08/26 13:48
S17	3458	S15 S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/26 13:48
<b>S</b> 16	6216	(free and (pinned or pinning or fixed or fixing)) adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 13:48

S15	7923	spin?valve or (spin adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 13:48
S14	3456	S12 S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/25 16:12
S13	6212	(free and (pinned or pinning or fixed or fixing)) adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/25 16:11
S12	7921	spin?valve or (spin adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/25 16:11
S11	16	("5463516" "5773156" "2002043974" "2002190713" "2001028872" "6353317" "6103406" "2002114974"). pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/08/25 16:07
S10	241	((BRUNETTO) near2 (MARTORANA)).INV. ((DANIELE) near2 (PULLINI)).INV. ((PIERO) near2 (PERLO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/25 14:52
<b>S</b> 9	2	"US 20060216836"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/08/25 14:51
<b>S</b> 8	8120	(257/002 257/421 257/422 257/423 257/424 257/425 257/426 257/427 360/324.2 438/900 438/3 365/158 257/003 257/004 257/005). ccls. (257/30 360/324.1 365/158).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/25 14:51
S6	5542	(257/002 257/421 257/422 257/423 257/424 257/425 257/426 257/427 360/324.2 438/900 365/158 257/003 257/004 257/005).ccls. (257/30 360/324.1 365/158). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/23 13:31

S4	2153752	ferromagnet\$3 or ferro \$magnet\$3 or magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 11:10
S3	11343	antiferromagnet\$3 or antiferro\$magnet\$3 or anti \$ferromagnet\$3 or (anti adj ferro\$magnet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 11:10
S2	38	(US-20060102969-\$ or US-20060128038-\$ or US-20060180839-\$ or US-20030179071-\$ or US-20060003185-\$ or US-20060012926-\$ or US-20060093862-\$ or US-20060255383-\$).did. (US-200600255383-\$).did. (US-20060093862-\$ or US-20060093862-\$ or US-20060093862-\$ or US-20060012926-\$ or US-2006012926-\$ or US-2006012938-\$ or US-20060128038-\$ or US-20060128038-\$ or US-20060128038-\$ or US-20060180839-\$ or US-20060180839-\$ or US-20060180839-\$ or US-20060180839-\$ or US-20060180839-\$ or US-20060180839-\$ or US-20040136232-\$).did. or (US-6097625-\$ or US-555565695-\$ or US-5432373-\$ or US-6297987-\$ or US-5515314-\$ or US-5652445-\$)".did.5038-"\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR		2008/02/04
S1	24	(US-20060102969-\$ or US-20060128038-\$ or US-20060180839-\$ or US-20030179071-\$ or US-20060003185-\$ or US-20060093862-\$ or US-20060221510-\$ or US-20060255383-\$).did. (US-20060255383-\$ or US-20060255383-\$ or US-20060255383-\$ or US-20060098354-\$ or US-20060098354-\$ or US-20060098354-\$ or US-20060093862-\$ or US-20060012926-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/02/04 11:10

20060102969-\$ or US-
20060221510-\$ or US-
20060128038-\$ or US-
20060003185-\$ or US-
20030179071-\$ or US-
20060180839-\$ or US-
20040136232-\$).did. or
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6841395-\$ or US-684(US-
5565695-\$ or US-5432373-
\$ or US-6297987-\$ or US-
5515314-\$ or US-5652445-
\$)".did.5038-"\$).did.

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